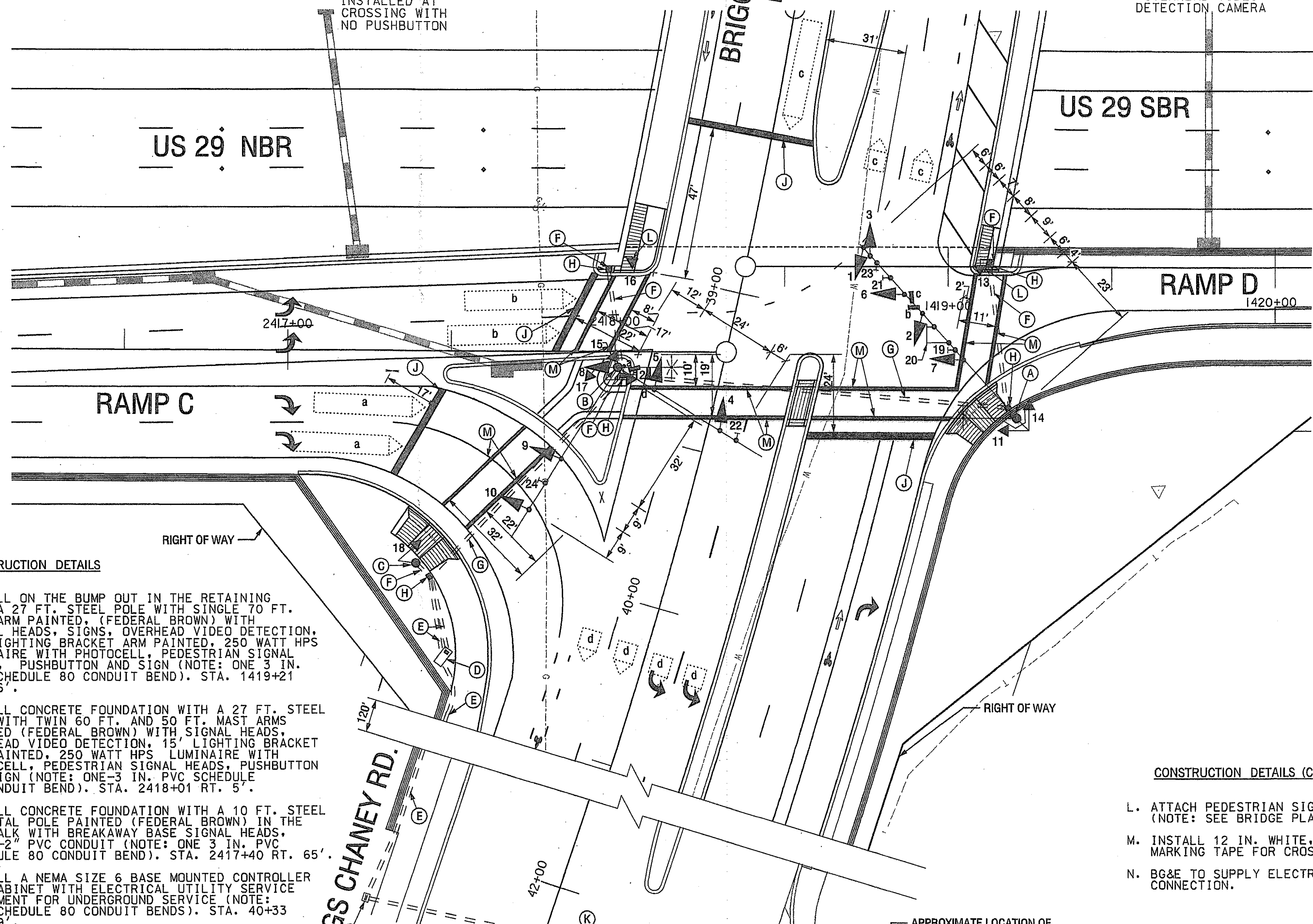
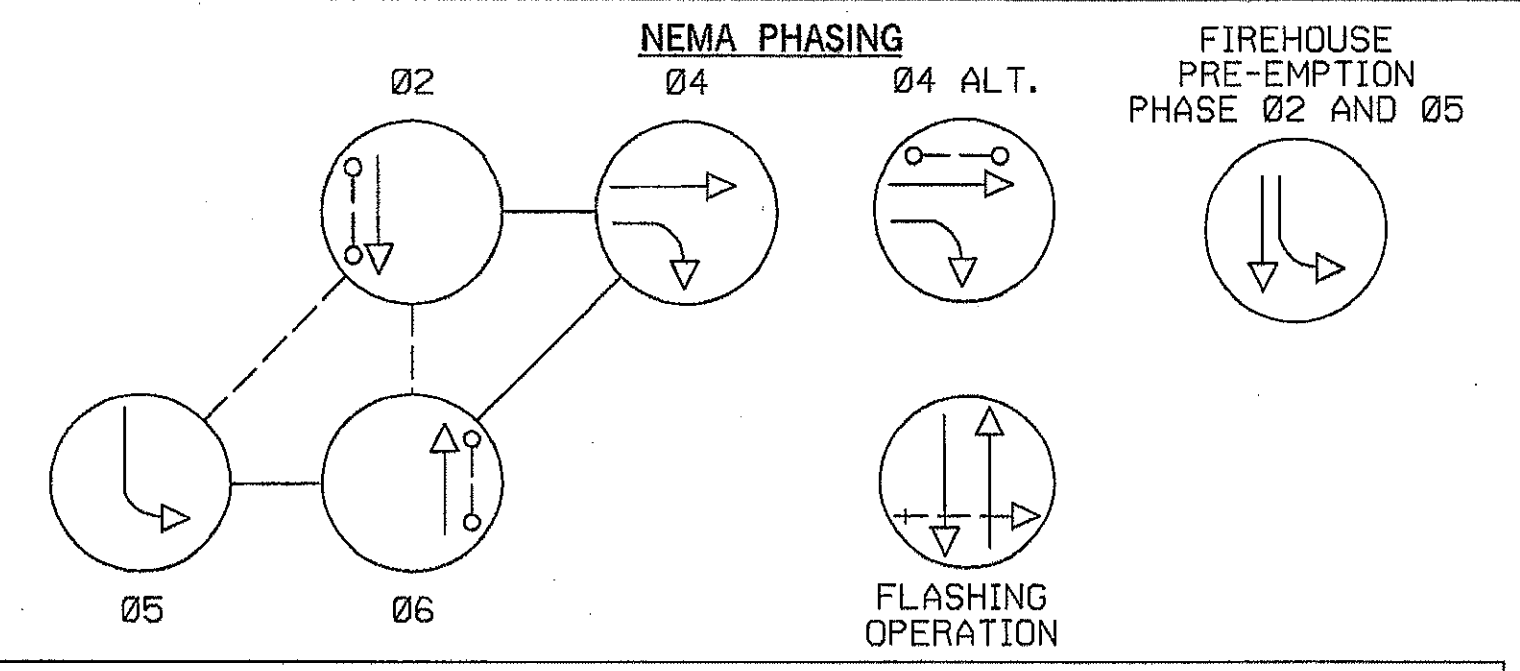
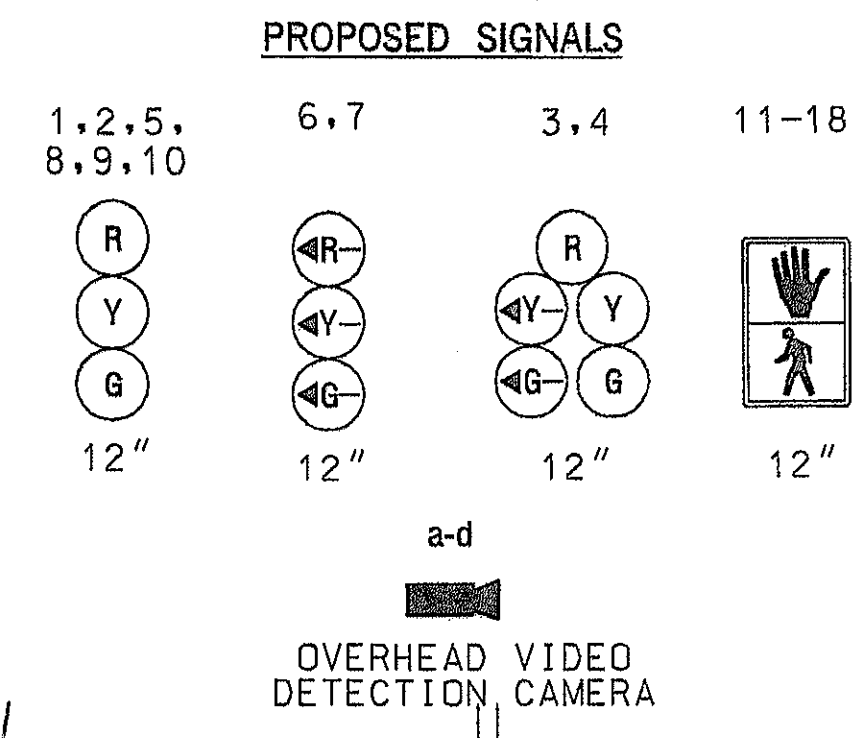
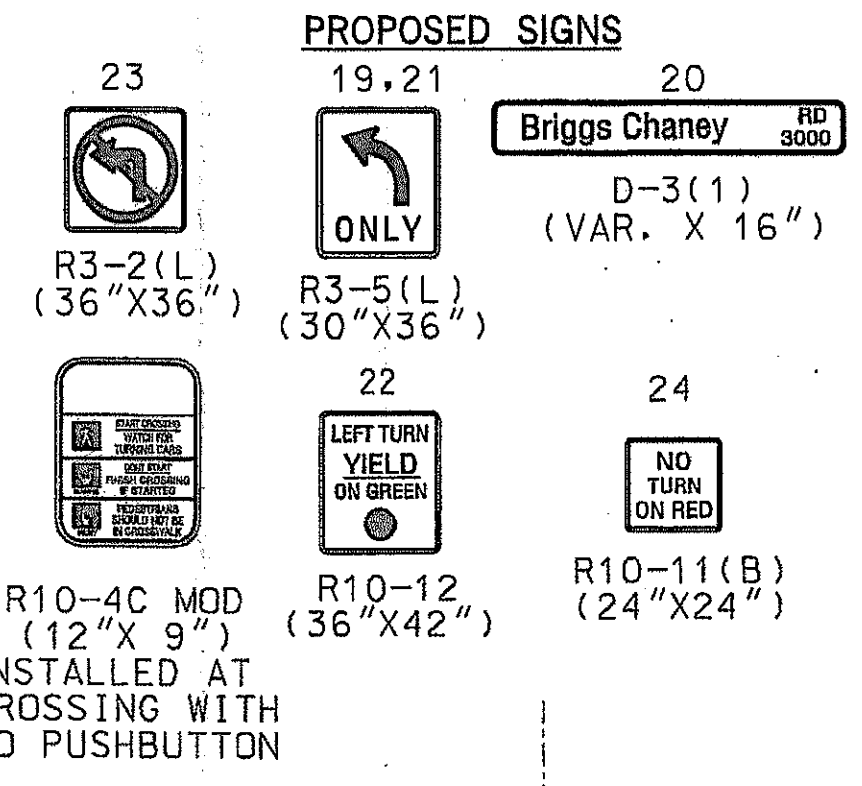


BRIGGS CHANEY ROAD IS ASSUMED TO RUN IN A EAST / WEST DIRECTION



CONSTRUCTION DETAILS

- A. INSTALL ON THE BUMP OUT IN THE RETAINING WALL A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM PAINTED, (FEDERAL BROWN) WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, 15' LIGHTING BRACKET ARM PAINTED, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 1419+21 RT. 46'.
- B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 60 FT. AND 50 FT. MAST ARMS PAINTED (FEDERAL BROWN) WITH SIGNAL HEADS, OVERHEAD VIDEO DETECTION, 15' LIGHTING BRACKET ARM PAINTED, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 2418+01 RT. 5'.
- C. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE PAINTED (FEDERAL BROWN) IN THE SIDEWALK WITH BREAKAWAY BASE SIGNAL HEADS, AND 1-2" PVC CONDUIT (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 2417+40 RT. 65'.
- D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE (NOTE: PVC SCHEDULE 80 CONDUIT BENDS). STA. 40+33 RT. 59'.

CONSTRUCTION DETAILS (CONT.)

- L. ATTACH PEDESTRIAN SIGNAL HEAD TO THE PILASTER OF THE BRIDGE (NOTE: SEE BRIDGE PLANS FOR STRUCTURAL DETAILS).
- M. INSTALL 12 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
- N. BG&E TO SUPPLY ELECTRICAL HANDBOOK FOR UNDERGROUND POWER CONNECTION.

APPROXIMATE LOCATION OF BG&E POLE # 232204

GEOMETRIC LEGEND	
EXISTING	
PROPOSED	
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
C-T	CABLE TV

- E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- G. INSTALL 2-4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- H. INSTALL HANDHOLE.
- J. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED. (STUB UP AT BASE OF POLE.)

RECOMMENDED BY: CHIEF, TRAFFIC SIGNAL MANAGEMENT SECTION

REVIEWED BY: ENGINEERING SERVICES SPECIALIST, DIV. OF TRAFFIC AND PARKING SERVICES

APPROVED BY: CHIEF, DIV. OF TRAFFIC AND PARKING SERVICES

SABRA, WANG & ASSOCIATES, INC.  
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BALTIMORE, MD 21227  
WWW.SABRA-WANG.COM

REVISIONS	
1	SIGNAL RECONSTRUCTION DUE TO INTERCHANGE IMPROVEMENT SHA NO. M08685170 SWA [Signature] 04/02
2	REPLACE ALL SIGNAL HEADS WITH BLACK FACES 04-01-94
3	ADD CROSSWALKS, CURB RAMP, AND PEDESTRIAN SIGNALS 04-01-94

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

GP 03

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNAL PLAN  
US 29 RAMP C & D AT BRIGGS CHANEY ROAD INTERCHANGE IMPROVEMENTS

DRAWN BY: BRUCE THOMPSON  
CHECKED BY:  
SCALE: 1" = 20'  
DATE: 01/25/89

F.A.P. NO. 1485 C  
S.H.A. NO. COUNTY: MONTGOMERY  
LOG MILE: 15002908.31

SEE TITLE SHEET

TS NO. 1485 C  
T.J.M.S. NO. F-357

SHEET NO. 438 OF 504